

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	372	712/300.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L4	334	712/22.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L5	237	"712/10".ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L6	423	"712/11".ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L7	181	"712/16".ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L8	27	"712"/\$.ccls. and transpos\$3 with (data matri\$3) same diagonal\$2	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L9	25	"712"/\$.ccls. and transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L10	97	transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L11	26	708/514.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L12	168	708/520.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L13	65	huisman.xa.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L14	1	huisman.xa. and transpos\$3	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L15	9	"712"/\$.ccls. and transpos\$3 same shift\$3 same (north east west south) same (up down left right)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L16	2	"712"/\$.ccls. and transpos\$3 with (data matrix matrices) same shift\$3 same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L17	88	(matrix matrices) near3 transposition same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L18	20	(matrix matrices) near3 transposition same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L19	89	(matrix matrices) near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28

## EAST Search History

L20	32	(matrix matrices) near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right)) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L21	1	"5815421".pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L22	16	array near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L23	41	transpos\$5 same diagonal same rotat\$3	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L24	9	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3)	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L25	135	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L26	28	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L27	1	"3308436".pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L28	1	"5815421".pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L29	14	("6430618" "6421772" "6404439" "6292822" "6219776" "6279088" "6078945" "5966528" "5892517" "5850489" "5630129" "5581773" "5535387" "5241677").pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L30	2	L29 and transpos\$5	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L31	3	("6804771" "6877020" "20020032710").pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L32	1105	reflect\$3 same (array matrix matrices mesh) same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L33	145	reflect\$3 same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L34	22	(transpos\$5 reflect\$3) same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4) with (horizontal\$2 vertical\$2)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28

## EAST Search History

L35	39	(transpos\$5 reflect\$3) same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4) with (horizontal\$2 vertical\$2 step stepping)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L36	0	"712"/\$.ccls. and (PE "processing element" "processor element") with count\$3 with initial\$5 with (mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5) and (matrix array mesh \$5cube)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L37	0	"712"/\$.ccls. and (PE "processing element" "processor element") same count\$3 with (mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L38	2	"712"/\$.ccls. and (PE "processing element" "processor element") same count\$3 with (modulo modulus mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L39	19	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2) same count\$3 with (modulo modulus mod "%") and (select\$3 shift\$3 mov\$3 transpos\$5) with data with count\$3	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L40	20	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2 cell) same count\$3 with (modulo modulus mod "%") and (select\$3 shift\$3 mov\$3 transpos\$5) with data with count\$3	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L41	1	L40 not L39	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L42	4	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2) same count\$3 with (modulo modulus mod "%") with (array matrix mesh \$5cube size)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L43	4	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2 cell) same count\$3 with (modulo modulus mod "%") with (array matrix mesh \$5cube size)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L44	367	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L45	138	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28

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L46	38	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh) and shift\$3 with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L47	71	(PE (process\$3 with (cell element))) same count\$2 with shift\$3 and count\$3 with (decrement\$3 increment\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L48	30	(PE (process\$3 with (cell element))) same count\$2 with shift\$3 same (decrement\$3 increment\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L49	177	count\$3 with (amount number) with times same (send\$3 pass\$3 transfer\$4 shift\$3) with data with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west neighbor\$3 neighbour\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L50	6	transpos\$5 and count\$3 with (amount number) with times same (send\$3 pass\$3 transfer\$4 shift\$3) with data with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west neighbor\$3 neighbour\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L51	10	(PE (process\$3 near2 element) cell) with count\$3 with (amount number) with times with (send\$3 pass\$3 transfer\$4 shift\$3) with data and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L52	65	(PE (process\$3 near2 element) cell (processor with (array mesh matrix))) with count\$3 with (mod modulus modulo "%") and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L53	10	count\$3 with (mod modulus modulo "%") with size near3 (array matrix mesh) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L54	29	count\$3 with (mod modulus modulo "%") with N same (array mesh matrix) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L55	400	("processing element" PE) with counter and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L56	0	("processing element" PE) with each with counter with initializ\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28

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L57	9	("processing element" PE) with counter with initializ\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L58	2	("5546336" "4215401").pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L59	32	beaumont-mar\$.in.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L60	19	beaumont-mar\$.in. and (matrix array)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L61	65	huisman.xa.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L62	0	transpos\$3 with matrix same shift\$3 with (right east) with (north up)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L63	1	transpos\$3 with matrix same shift\$3 with (right east) with (north up)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L64	27	transpos\$3 with (matrix array) with shift\$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L65	463	transpos\$3 with matrix	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L66	2	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L67	159	transpos\$3 with array	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L68	1	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28
L69	27	transpos\$3 with (matrix array) with shift\$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 18:28

## EAST Search History

L70	430	transpos\$3 with step\$4 with (array matrix "processing element" PE)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L71	97	transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L72	2	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L73	145	L70 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L74	9	transpos\$3 with step\$4 with (array matrix "processing element" PE) same (direction north east south west) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L75	88	(matrix matrices) near3 transposition same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L76	37	transpos\$3 with step\$4 with (array matrix "processing element" PE) same (direction north east south west)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L77	65	huisman.xa.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L78	1	"6892291".pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L79	5	transpos\$5 with (matrix array matrices) same (rotat\$3 shift\$3 pass\$3) with ("processing element" PE)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L80	228	(coordinat\$4 synchron\$7) with transpos\$5 with (matrix array)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L81	1	"7197624".pn.	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L82	5	(array matrix matrices) with transpos\$5 same intermedi\$3 with (PE "processing element")	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L83	7	torus with transpos\$5 same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L84	91	(array matrix matrices) with transpos\$5 with intermedi\$3	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L85	23	(array matrix matrices) with transpos\$5 same intermedi\$3 with element	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28
L86	0	(coordinat\$4 synchron\$7) near3 shift\$3 with transpos\$5 with (matrix array)	US-PGPUB; USPAT	OR	ON	2007/10/09 18:28

## EAST Search History

S1	331	712/300.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 16:20
S2	277	712/22.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:03
S4	180	"712/10".ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:04
S5	374	"712/11".ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:04
S6	168	"712/16".ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:05
S7	15	"712"/\$.ccls. and transpos\$3 with (data matri\$3) same diagonal\$2	US-PGPUB; USPAT	OR	ON	2006/02/17 15:22
S8	15	"712"/\$.ccls. and transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2006/02/17 15:49
S9	79	transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2006/02/17 15:52
S10	21	708/514.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:56
S11	158	708/520.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/17 15:56
S12	31	huisman.xa.	US-PGPUB; USPAT	OR	ON	2006/02/21 08:42
S13	0	huisman.xa. and transpos\$3	US-PGPUB; USPAT	OR	ON	2006/02/21 08:45
S14	7	"712"/\$.ccls. and transpos\$3 same shift\$3 same (north east west south) same (up down left right)	US-PGPUB; USPAT	OR	ON	2006/02/21 08:48
S15	2	"712"/\$.ccls. and transpos\$3 with (data matrix matrices) same shift\$3 same diagonal	US-PGPUB; USPAT	OR	ON	2006/02/21 08:48
S16	64	(matrix matrices) near3 transposition same diagonal	US-PGPUB; USPAT	OR	ON	2006/02/21 16:43
S17	17	(matrix matrices) near3 transposition same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2006/02/21 16:43
S18	65	(matrix matrices) near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2006/02/22 08:18
S19	25	(matrix matrices) near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right)) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/22 08:13

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S20	1	"5815421".pn.	US-PGPUB; USPAT	OR	ON	2006/02/22 08:16
S21	15	array near3 transpos\$5 same diagonal and (shift\$3 rotat\$3) with ((north south east west) (up down left right))	US-PGPUB; USPAT	OR	ON	2006/02/22 08:25
S22	37	transpos\$5 same diagonal same rotat\$3	US-PGPUB; USPAT	OR	ON	2006/02/22 08:25
S23	87	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3)	US-PGPUB; USPAT	OR	ON	2006/02/22 11:21
S24	9	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3)	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:20
S25	20	transpos\$5 with (array matrix matrices) and diagonal with (shift\$3 rotat\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/22 11:34
S26	1	"3308436".pn.	US-PGPUB; USPAT	OR	ON	2006/02/22 13:33
S27	1	"5815421".pn.	US-PGPUB; USPAT	OR	ON	2006/02/22 13:42
S30	14	("6430618" "6421772" "6404439" "6292822" "6219776" "6279088" "6078945" "5966528" "5892517" "5850489" "5630129" "5581773" "5535387" "5241677").pn.	US-PGPUB; USPAT	OR	ON	2006/02/27 15:27
S31	2	S30 and transpos\$5	US-PGPUB; USPAT	OR	ON	2006/02/23 11:07
S32	3	("6804771" "6877020" "20020032710").pn.	US-PGPUB; USPAT	OR	ON	2006/02/23 12:54
S34	851	reflect\$3 same (array matrix matrices mesh) same diagonal	US-PGPUB; USPAT	OR	ON	2006/02/23 16:36
S35	116	reflect\$3 same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:37
S36	19	(transpos\$5 reflect\$3) same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4) with (horizontal\$2 vertical\$2)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:37
S37	28	(transpos\$5 reflect\$3) same (array matrix matrices mesh) same diagonal same (shift\$3 rotat\$4) with (horizontal\$2 vertical\$2 step stepping)	US-PGPUB; USPAT	OR	ON	2006/02/23 16:38



## EAST Search History

S38	0	"712"/\$.ccls. and (PE "processing element" "processor element") with count\$3 with initial\$5 with (mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5) and (matrix array mesh \$5cube)	US-PGPUB; USPAT	OR	ON	2006/02/24 13:14
S39	0	"712"/\$.ccls. and (PE "processing element" "processor element") same count\$3 with (mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5)	US-PGPUB; USPAT	OR	ON	2006/02/24 13:15
S40	2	"712"/\$.ccls. and (PE "processing element" "processor element") same count\$3 with (modulo modulus mod "%") same (select\$3 shift\$3 mov\$3 transpos\$5)	US-PGPUB; USPAT	OR	ON	2006/02/24 13:16
S41	12	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2) same count\$3 with (modulo modulus mod "%") and (select\$3 shift\$3 mov\$3 transpos\$5) with data with count\$3	US-PGPUB; USPAT	OR	ON	2006/02/24 13:39
S42	13	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2 cell) same count\$3 with (modulo modulus mod "%") and (select\$3 shift\$3 mov\$3 transpos\$5) with data with count\$3	US-PGPUB; USPAT	OR	ON	2006/02/24 13:37
S43	1	S42 not S41	US-PGPUB; USPAT	OR	ON	2006/02/24 13:37
S44	3	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2) same count\$3 with (modulo modulus mod "%") with (array matrix mesh \$5cube size)	US-PGPUB; USPAT	OR	ON	2006/02/24 13:40
S45	3	"712"/\$.ccls. and (PE (process\$3 near3 element) process\$2 cell) same count\$3 with (modulo modulus mod "%") with (array matrix mesh \$5cube size)	US-PGPUB; USPAT	OR	ON	2006/02/24 13:49
S46	266	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh)	US-PGPUB; USPAT	OR	ON	2006/02/27 08:27
S47	109	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:28
S48	32	(distribut\$3 systolic) same transpos\$5 same (array matrix matrices mesh) and shift\$3 with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:47

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S49	66	(PE (process\$3 with (cell element))) same count\$2 with shift\$3 and count\$3 with (decrement\$3 increment\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:37
S50	27	(PE (process\$3 with (cell element))) same count\$2 with shift\$3 same (decrement\$3 increment\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:37
S51	148	count\$3 with (amount number) with times same (send\$3 pass\$3 transfer\$4 shift\$3) with data with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west neighbor\$3 neighbour\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:49
S52	6	transpos\$5 and count\$3 with (amount number) with times same (send\$3 pass\$3 transfer\$4 shift\$3) with data with (horizontal\$3 vertical\$2 diagonal\$2 row column left right up down north south east west neighbor\$3 neighbour\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:50
S53	9	(PE (process\$3 near2 element) cell) with count\$3 with (amount number) with times with (send\$3 pass\$3 transfer\$4 shift\$3) with data and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:52
S54	52	(PE (process\$3 near2 element) cell (processor with (array mesh matrix))) with count\$3 with (mod modulus modulo "%") and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 08:59
S55	6	count\$3 with (mod modulus modulo "%") with size near3 (array matrix mesh) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 09:02
S56	18	count\$3 with (mod modulus modulo "%") with N same (array mesh matrix) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 09:05
S57	362	("processing element" PE) with counter and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 09:05
S58	0	("processing element" PE) with each with counter with initializ\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 09:06
S59	9	("processing element" PE) with counter with initializ\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/02/27 09:06
S60	2	("5546336" "4215401").pn.	US-PGPUB; USPAT	OR	ON	2006/02/27 15:27

## EAST Search History

S61	26	beaumont-mar\$.in.	US-PGPUB; USPAT	OR	ON	2006/04/20 11:10
S62	16	beaumont-mar\$.in. and (matrix array)	US-PGPUB; USPAT	OR	ON	2006/04/20 11:10
S63	43	huisman.xa.	US-PGPUB; USPAT	OR	ON	2006/10/24 14:42
S64	0	transpos\$3 with matrix same shift\$3 with (right east) with (north up)	US-PGPUB; USPAT	OR	ON	2006/10/25 16:35
S65	1	transpos\$3 with matrix same shift\$3 with (right east) with (north up)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:34
S66	1	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:45
S67	1	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	US-PGPUB; USPAT	OR	ON	2006/10/25 16:35
S68	439	transpos\$3 with matrix	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:45
S69	155	transpos\$3 with array	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:45
S70	27	transpos\$3 with (matrix array) with shift\$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:45
S71	55	huisman.xa.	US-PGPUB; USPAT	OR	ON	2007/04/18 12:32
S72	27	transpos\$3 with (matrix array) with shift\$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:00
S73	2	transpos\$3 with matrix same shift\$3 with (right east horizontal\$2 west left) with (north up down south vertical\$2)	US-PGPUB; USPAT	OR	ON	2007/04/18 14:00

## EAST Search History

S74	92	transpos\$3 with (data matri\$3) same shift\$3 same (east west left right)	US-PGPUB; USPAT	OR	ON	2007/04/18 14:01
S75	80	(matrix matrices) near3 transposition same diagonal	US-PGPUB; USPAT	OR	ON	2007/04/18 14:07
S76	395	transpos\$3 with step\$4 with (array matrix "processing element" PE)	US-PGPUB; USPAT	OR	ON	2007/04/18 14:08
S77	35	transpos\$3 with step\$4 with (array matrix "processing element" PE) same (direction north east south west)	US-PGPUB; USPAT	OR	ON	2007/04/18 14:09
S78	9	transpos\$3 with step\$4 with (array matrix "processing element" PE) same (direction north east south west) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/04/18 14:10
S79	138	S76 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2007/04/18 14:09
S80	5	transpos\$5 with (matrix array matrices) same (rotat\$3 shift\$3 pass\$3) with ("processing element" PE)	US-PGPUB; USPAT	OR	ON	2007/10/05 17:33
S81	1	"6892291".pn.	US-PGPUB; USPAT	OR	ON	2007/10/05 18:10
S82	1	"7197624".pn.	US-PGPUB; USPAT	OR	ON	2007/10/05 18:14
S83	5	(array matrix matrices) with transpos\$5 same intermedi\$3 with (PE "processing element")	US-PGPUB; USPAT	OR	ON	2007/10/05 18:16
S84	91	(array matrix matrices) with transpos\$5 with intermedi\$3	US-PGPUB; USPAT	OR	ON	2007/10/05 18:18
S85	23	(array matrix matrices) with transpos\$5 same intermedi\$3 with element	US-PGPUB; USPAT	OR	ON	2007/10/05 18:27
S86	7	torus with transpos\$5 same diagonal	US-PGPUB; USPAT	OR	ON	2007/10/05 18:34
S87	228	(coordinat\$4 synchron\$7) with transpos\$5 with (matrix array)	US-PGPUB; USPAT	OR	ON	2007/10/05 18:34
S88	0	(coordinat\$4 synchron\$7) near3 shift\$3 with transpos\$5 with (matrix array)	US-PGPUB; USPAT	OR	ON	2007/10/05 18:34